

PROJECT TITLE : CIGARETTE DEVELOPMENT
TECHNICAL REPORT
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SWITZERLAND

278 EVEREST (FLI) Production of triple filters by
Baumgartner

The manufacture of triple filters for the FLINT cigarette is relatively complicated. Because of the patent situation the central plug must be purchased from Baumgartner. As soon as this supplier can produce a triple filter corresponding to our specifications we will make the change.

The SPA filter from JOB has been replaced by a DICO CAF 250 and three variants have been received :

- a) The DICO CAF 250 was treated with 7 % of ESTROBOND B
- b) It was treated with 7 % of polyglycol 400
- c) It was treated with 7 % of ESTROBOND B and polyglycol 400, 50 %/50 %

These three different filters are presently under evaluation.

266 HARVARD (MAB) Swiss Tar : 6.0
SN : 0.6

In view of a development of a new MURATTI 2000 with a 25 mm triple filter some preliminary work was carried out on dual filters. This was necessary as the machine producing 25 mm triple filters will not be available before the end of October, that is to say two months before the product test.

Several prototypes were produced with three different blends (without AC), with different filter combinations and with several cigarette papers.

One of these products attains the final objective.
Its characteristics are as follows :

Prototype No	108
Blend No	CH 04 271 03 N 02
ETNA-1	27 %
Cigarette paper	110-6 EP
Tipping paper	24/120
Filter (dual)	2.5/48 Y/5.0/40 X Charcoal N.A. FU-POV 100
Tobacco weight	608 mg/cig.
Total RTD	103 mm WG
Filter RTD	87 mm WG
Total alkaloids	1.59 %
Nitrate-N	0.20 %
Swiss Tar	6.0 mg/cig.
SN	0.54 mg/cig.
CO	6.0 mg/cig.
NO	0.10 mg/cig.
Puff count	7.4
Dilution	25 %

Next step : Flavour trials will be carried out on this prototype.

320 MANHATTAN (MAH)

As this project is bound to project HARVARD, a prototype will be produced on the basis of the specifications of prototype HARVARD 108.

271 COLORADO (MAG) Swiss Tar : 3.0
SN : 0.3

In the same context as project HARVARD, an initial development with a double filter is under way.

N I G E R I A

314 YORK (PMK) Product test
Triple filter production

- During May a new series of prototypes were made in Nigeria (1). Three of them (Codes BCY / BDY / ADY) have been chosen for a product test (2).
- The product test results will be available by mid-July 1980.
- The specifications for the production of the triple filters from FTR have been established.
PME agreed to start the production (3).

Ref. (1): Minutes from J.-J. Ramu, April 23, 1980

Ref. (2): Trial report from P. Nagel, June 3, 1980

Ref. (3): Minutes from J.-J. Ramu, June 17, 1980

P. Nagel
P. Nagel

27/06/1980/PHN/cap

- 38 -

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